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(21) International Application Number: PCT/US00/12536 (22) International Filing Date: 4 May 2000 (04.05.00) (30) Priority Data: 09/305,029 4 May 1999 (04.05.99) US (63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application US 09/305,029 (CIP) Filed on 4 May 1999 (04.05.99) (71) Applicant (for all designated States except US): THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; West 116th Street and Broadway, New York, NY 10027 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): BARASCH, Jonathan, M. [US/US]; 15 West 72nd Street, New York, NY 10025 (US). OLIVER, Juan, A. [US/US]; 840 Broadway, New York, NY 10003 (US). YANG, Jun [CN/US]; 106 Haven Avenue, New York, NY 10032 (US).		(74) Agent: WHITE, John, P.; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US). (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: A METHOD OF INDUCING FORMATION OF KIDNEY EPITHELIA FROM MESENCHYMAL PRECURSORS (57) Abstract This invention provides methods of using a gp130 receptor ligand, e.g. leukemia inhibitory factor, to induce the formation of kidney epithelia, to treat subjects suffering from kidney failure, and to preserve kidneys for transplantation.		

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